Form 3160-5 (June 1990)		ED STATES	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
	BUREAU OF L	AND MANAGEMENT	5. Lease Designation and Serial No.
	LC-029387 C 6. If Indian, Allottee or Tribe Name		
Do not use this fo	0. If hidden, Alloude of Tride Parise		
	7. If Unit or CA, Agreement Designation		
I. Type of Well Oil Gas Well Well	8. Well Name and No. Shugart Apco A		
2. Name of Operator Southland Royal	4		
3. Address and Telephone N	9. API Well No.		
P.O. Box 51810	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2310' FNL & 1980' FWL			Shugart (Y,SR,Q,G)
Sec29,T18S,R31E			11. County or Parish, State
Jecza, 1163, no 12			Eddy
IZ. CHECK A			
	TYPE OF SUBMISSION TYPE OF ACTION		
X Notice of	fIntent	Abandonment	Change of Plans
	ant Report		New Construction
Subseque		Casing Repair	Water Shat-Off
Final Ab	andonment Notice	Altering Casing	Conversion to Injection
		Other	Dispose Water
			(Note: Report results of cashiptecomplation on Well Completion of Report July Provident Provident Street
13. Describe Proposition Completed Operations (Claude, one all performs during, and give perform during and an interaction of the state			
MRU. Release packers and POR w/same.			
RIH with bit to 3500'. Circ. hole w/10 ppg gelled brine. POH.			
RiH and set 4 1/2" CIBP @ 3155'. Cap w/35' Class C cement.			
RIH and set 4 1/2" CICR @ 2450'. Mix and pump 100 sxs Class C cement through retainer. Dump 6 sxs Class C			
atop same.			
Perforate 1940'-1941'. Set CICR @ 1900'. Test tubing to 1500 psi. Mix and pump 30 sxs Class C cement through retainer and dump 6 sxs atop.			
Perforate 815'-816'. Establish circulation down 4 1/2" casing. Displace hole w/fresh water. Mix and pump 200 sxs Class C cement. Circulate cement to surface.			
Cut off casing 3' below surface and place abandonment marker as per regulations.			
Restore location as directed.			
\sim			
14. I hereby certify that the	foregoing is true and correct		
Signed	h LiDine	Title Production Asst.	Des: 8/24/93
This space for Federal ((ORIG, SG	D.) JOE G. LARA	PETROLEUM ENGINEER	9/23
Approved by Conditions of approvel, See atta			

Tide 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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BUREAU OF LAND MANAGEMENT DARLEBAD RESCURCE AREA

Permanent Abandonment of Weils on Federal Lands

<u>Conditions of Approval</u>

1. <u>Approval:</u> Plugging operations shall commence within 90 days from the approval date of plugging procedure.

2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.

3. <u>Blowout Preventers</u>: A plowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement:</u> Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug snall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried but, the extent by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show <u>date</u> well was plugged.

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Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.